

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0033] with the following amended paragraph:

[0033] In a particular embodiment, the SW module for simulation may be integrated with a presentation and analysis tool(s) such as, e.g., MATLAB and/or Simulink. MATLAB and Simulink may be available from The Mathworks, Inc. (~~www.mathworks.com~~). Additionally, the modules for synthesis or HW realization – e.g., System Generator, available from Xilinx (~~www.xilinx.com~~), for initial translation into HDL - may be integrated with a layout tool.